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protein only in a mutant form which form has the activity of the corresponding native protein under culture conditions but is unstable under conditions at which the said polypeptide product remains stable; and recovering the desired product, wherein either the host cell culture or the recovered product is subjected for a sufficient period of time to conditions under which the undesired protein is unstable so as to denature the undesired protein.



- 3. (Twice Amended) A method according to claim 1 or claim 2 wherein the conditions at which the undesired protein is denatured and the polypeptide product remains stable are temperature conditions.
 - 5. (Amended) A method according to claim 3 wherein the elevated temperature is 37°C or more.



- 6. (Twice Amended) A method according to claim 1 or claim 2 wherein the conditions at which the undesired protein is denatured and the polypeptide product remains stable are pH conditions.
- 10. (Amended) A recombinant cell which comprises a first nucleotide sequence which encodes a desired polypeptide under the control of regulatory elements which allow expression of said polypeptide, and wherein a gene which encodes a protein which is undesirable as a contaminant in preparations of said polypeptide product but whose activity is essential for survival or efficiency of a host cell, is mutated such that the protein expressed is unstable under conditions in which the polypeptide product remains stable.



14. (Amended) A recombinant cell according to claim 13 which comprises a recombinant *E. coli* cell.